ESTIMATED FIELD SCHEDULE FOR OU-2 REVISED BEDROCK WORK PLAN

Estimated field schedule for Revised Bedrock Work Plan is approximately 22 weeks from receipt of authorization to proceed from EG&G. This schedule assumes 4 weeks for subcontracting / field mobilization, 19 weeks of field work, and 1 week of demobilization from the field. This estimated schedule incorporates a 20 percent contingency increase in mobilization / field work time to account for potential delays in mobilizing subcontractors and field delays due to weather, equipment breakdown, or other unforeseen problems. A breakdown of the field program (without the contingency) is attached. The following assumptions were used in developing the attached field schedule:

1) Drilling subcontractor will have rigs available and be able to mobilize within 4 weeks of notification of field program.

2) Two hollow-stem auger drill rigs and two HX core / rotary drill rigs will be utilized during the field program.

3) Isolation casings will have to be installed across the UHSU for all borings and wells, and across the a-series well LHSU unit for the b-series wells.

4) Drilling and setting of the isolation casing across the UHSU for the source boreholes, pilot boreholes, and a-series wells will require 3 days each using the hollow-stem auger rigs. Drilling and installation of the isolation casings for the b-series wells will require 5 days each using HX core / rotary drill rigs (including intermediate decontamination steps).

5) Drilling of the LHSU portion of the pilot boreholes (including HX coring) will require 3 days each using HX core / rotary rigs.

6) Geophysical logging of the pilot boreholes will require 2 days each. Grouting of pilot boreholes will require 1 day each.

7) Drilling of the LHSU portion of the a-series well boreholes (i.e., after the UHSU isolation casing is installed) and installation of the wells will require 3 days each using HX / rotary drill rigs.

8) Drilling of the LHSU portion of the b-series well boreholes (i.e., the portion below the second isolation casing) and installation of the wells will require 2 days each using HX / rotary drill rigs.

9) Drilling and sampling of the source boreholes will require 6 days including installation of the isolation casings. Grouting of source boreholes will require 1 day each.

10) Decontamination performed during drilling at a particular location, or within the decontamination boundaries of an IHSS area will be a partial decontamination (see

Revised Bedrock Work Plan for definition) and will require 1 day for decontamination and moving of drill rig. Decontamination performed between drilling locations that requires crossing of an IHSS decontamination boundary will be a full decontamination (see Revised Bedrock Work Plan for definition) and will require 2 days for decontamination and moving of drill rig.

11) 24 hours will be required for curing of isolation casing annulus grout before drilling is continued at that location.

12) 48 hours will be required for curing of well casing annulus grout before initiating well development at that location.

13) Development and sampling of LHSU monitoring wells will require 10 working days because of the low permeability of the LHSU units.

14) Slug testing of the LHSU monitoring wells will require 3 days.

15) Turn around time for analysis of indicator parameters will be three days (i.e., one day for rad screen, one day for sample shipment, and one day for laboratory analysis).

16) The analytical results for the a-series wells will be required before initiating drilling and installation of b-series wells. For this estimated schedule, it is assumed that contamination will be detected in each a-series well, thus requiring installation of all b-series wells.

17) All field work will be conducted on week days. No weekend field work will occur due to security constraints at Rocky Flats.